Work Order ID 100632 Page 1 Wednesday, April 24, 2013 2:55:29 PM Item ID: D3875-1 Accept Setup Start Revision ID: Item Name: Floor Protector **Start Date:** 4/24/2013 Start Oty: 4.00 **Cust Item ID: Required Date: 4/26/2013** Req'd Otv: 4.00 **Customer:** Reference: Run Process Plan: Approvals: Tooling: Date: Stop QC: Date: SPC (Y/N): Date: Sequence ID/ Operation Set Up/ Tool ID Tool# Plan Reject Accept Reject Insp. **Work Center ID** Description **Run Hours** Code Oty Qty Number Stamp **Draw Nbr Revision Nbr** D3875 Rev B 100 0.00 *100* HandThermo 0.00 Memo Hand Finishing Thermoforming 1-Cut Sheet to required Blank size 105 0.00 Dry Material *105* HandThermo 0.00 Memo Hand Finishing Thermoforming Dry Sheet as per QSI022 POLYCARBONATE Temp: 246

NCR:	Yes	/ No				WORK ORDER NON-		NFORM	AANCE / UPI	DATE					•	
												QA Closed:	Da	te:		
Work Ord	er:					DISPOSITION		AGAINST DEPARTMENT/PROCESS								
Part No						Rework Skid-tube Crosstube Scrap Machining Small Fab Use-as-is Thermoforming Finishing Work Order Update Large Fab Composite			Prod. Eng. Coor. Rec/Store/Packaging				Engineering Quality Other			
Root					Descri	ption of work order update	1	Initial	Act	tion		Sign &				
Cause		Date	Step	Qty		or Non-conformance	Ch	nief Eng	Desci	ription	_	Date	Verificatio	n	QC Inspector	
Doc/Data Equip/Tooling Operator Material Setup Othér Process Supplier Training Unapproved													· .			
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Landi		Bending Centre No Cracks Crushed/ Cuffs Heat Trea Inspectio Ripples in	Crimped at n Strip in n Bend	Tube		General Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short Drill Holes		Instruct Mainte Mislabe Misread Offset	ion Incomplete ions Incomplete/I enance eled	Unclear		Ovalized Over/Under Part Incorred Part Lost/Mi Part Moved Positioned V Power Loss/	ct ssing Vrong		Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other	
	· Torque Waves in Extrusion				า	Drawing	Out of Calibration									

Out of Sequence

Outside Dimensions

Date:

DQA:

Turning Sequence

Wave/Twist in Tube

Finish

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QC

Quality Control

Wednesday, April 24, 2013 2:55:29 PM Item ID: D3875-1 Accept Setup Start **Revision ID:** Item Name: Floor Protector **Start Date:** Start Qty: 4.00 4/24/2013 Cust Item ID: **Required Date: 4/26/2013** Req'd Qty: 4.00 **Customer:** Reference: Run Approvals: **Process Plan:** Date: **Tooling:** Date: Stop QC: Date: SPC (Y/N): Date: Sequence ID/ Operation Set Up/ Tool ID Tool # Plan Accept Reject Reject Insp. **Work Center ID** Description **Run Hours** Qty Code Qty Number Stamp 110 0.00 *110* Thermoform 0.00 Memo Thermoforming Machine 1-Machine Set-Up 2-Pre-heat Tool to required temp. 3-Thermoform as per Dwg and Folio #FTA0xxusing tool DT9435 Folio Rev: Visually inspect for proper formation and texture 140 0.00 *140* x4. HandThermo 0.00 Memo Hand Finishing Thermoforming 1-Trim to finished dimensions as per Dwg 150 QC2- Inspect parts off machine FAI/FAIB 0.00 x 4/1 ...

0.00

Memo

Complete FAI document

NCR: Y	es / No				WORK ORDER NON-	CO	NFORN	JANCE / UP	DATE						
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Work Orde	r:				DISPOSITION						DEPARTMENT/PROCESS				
Part N NCR N		:			Rework Scrap Use-as-is Work Order Update	Skid-tube Crosstube Machining Small Fab Thermoforming Finishing Large Fab Composite			—	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other				
Root Cause	Date	Step	Qty		ption of work order update or Non-conformance	1	Initial nief Eng	Act Descr	ion iption	Sign & Date	Verification	QC Inspector			
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Landir	ng Gear			···	General	70.	CT CATE	3011							
	Bending Centre Not Concentric to O/S Cracks Crushed/Crimped Cuffs Heat Treat Inspection Strip in Tube Ripples in Bend			Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short Drill Holes		Grain Hardware Inspection Incomplete Instructions Incomplete/Unclear Maintenance Mislabeled Misread Offset			Ovalized Over/Under Part Incorre Part Lost/M Part Moved Positioned V Power Loss/	ct issing Vrong	Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other				
Γ	Torque Waves in Extrusion				Drawing		Out of C	alibration							

Out of Sequence

Outside Dimensions

Date:

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Turning Sequence

Wave/Twist in Tube

Finish

Page 3 Wednesday, April 24, 2013 2:55:29 PM Item ID: D3875-1 Accept Setup Start **Revision ID:** Item Name: Floor Protector **Start Date:** */* 4/24/2013 Start Oty: 4.00 **Cust Item ID: Required Date: 4/26/2013** Reg'd Oty: 4.00 **Customer:** Reference: Run Approvals: Process Plan: Date: Tooling: Date: Stop Date: _____ SPC (Y/N): Date: Sequence ID/ Operation Set Up/ Tool ID Tool # Plan Reject Accept Reject Insp. Work Center ID **Description Run Hours** Code Qty Number Stamp Qty 160 QC5- Inspect part completeness to step on W/O 0.00 *160* 0.00 Memo Quality Control 134-25

170

Identify as per dwg & Stock Location:

0.00

170

Packaging

Packaging

Memo

0.00

180

QC21- Final Inspection - Work Order Release

0.00

120

QC

Memo

0.00

Quality Control

NCR: Y	es / No				WORK ORDER NON-C	LON	NFORI	VIANCE / UP	DATE	QA Closed:	Date:					
Work Orde	r.				DISPOSITION	AGAINST DEPARTMENT/PROCESS										
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Cause	Date	Step	Qty		or Non-conformance	1	ief Eng		ription	Date	Verification	QC Inspector				
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-	Cuffs			ļ	Contamination	\vdash	Mainte			Part Moved	.,					
-	Heat Trea		T I	<u> </u>	Countersink	-	Mislabe		<u> </u>	Positioned V		Other				
-	Inspection		rupe	<u> </u>	Cut Too Short	\vdash	Misread Offset	ג	L	Power Loss/	ourge	Tottler				
<u> </u> -	Ripples in			_	Drill Holes	\vdash		Calibration								
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Outside Dimensions

Date: _

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Wave/Twist in Tube

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Picklist Print

Wednesday, April 24, 2013 2:55:28 PM

Work Order ID:

100632

Parent Item:

D3875-1

Parent Item Name:

Floor Protector

Comments:

IPP Rev. A 09.02.06 New Issue DL

Start Date: 4/24/2013

Required Date: 4/26/2013

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MLEXS.118-90318-08 Lexan Sheet	· · · · · · · · · · · · · · · · · · ·	Purchased	No		-	100	sf	528.4700	9.84	39.36	المعادد المعاد		- Oli
				Location		Loc Qty	<u>Lo</u>	c Code					1-1/2

Location therm

528.47 528.47

IPP Rev.B Add Step 105 Dry

39.36 Sp B4

13/04/25

Page 1

NCR:	⁄es	/ No				WORK ORDER NON-C	COI	NFOR	MANCE / UP	DAIE		QA Closed:	Dat	te:		
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Part No. NCR No.						Rework Scrap Use-as-is Work Order Update			Skid-tube Crosstube Machining Small Fab Thermoforming Finishing Large Fab Composite				Water Jet d. Eng. Coor. e/Packaging Supplier		Engineering Quality Other	
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Cause		Date	Step	Qty	(or Non-conformance	Ch	nief Eng	Desc	ription		Date	Verification	1	QC Inspector	
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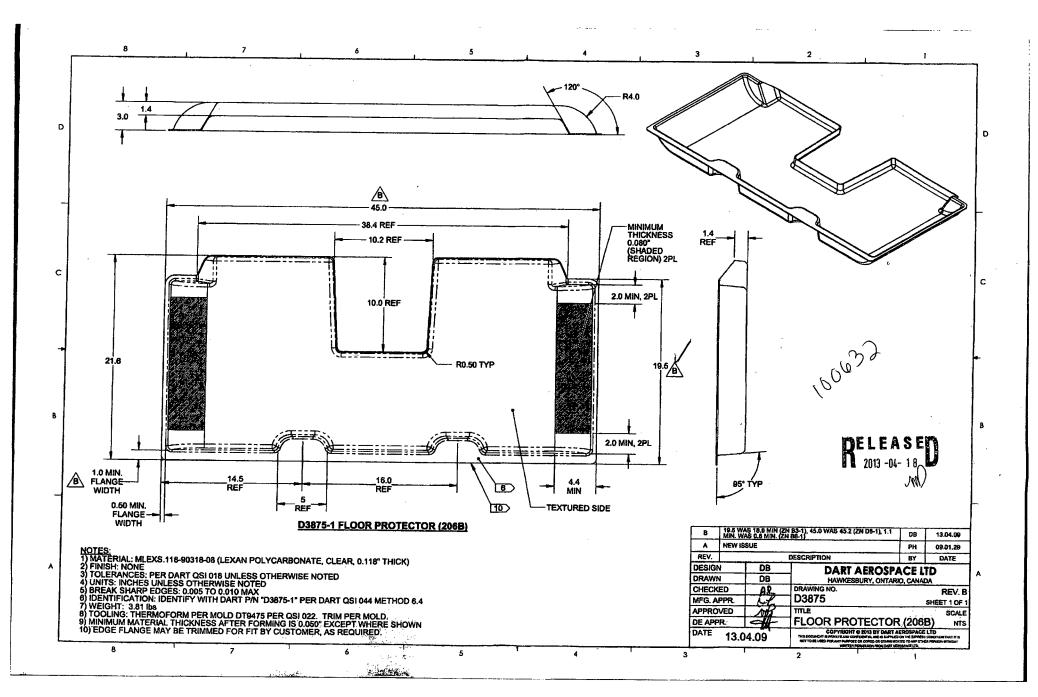
Outside Dimensions

DQA:

Date:

Wave/Twist in Tube

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Part No.					Scrap	1		Machining	Small Fab	Prod. Eng. Coor.			Quality
					Use-as-is		Therm	oforming	Finishing	Rec/Sto	re/Packaging		Other
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Cause	Date	Step	Qty	(or Non-conformance	Ch	nief Eng	Descr	iption	Date	Verification	1	QC Inspector
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Other													
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	Crushed/	Crimped.			Burrs	-	4	ions Incomplete/U	Jnclear	Part Lost/N	-		Wrong Stock Pulled
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	Heat Trea			<u> </u>	Countersink	_	Mislabe		<u> </u>	Positioned	r		
·]	Inspectio	n Strip in	Tube		Cut Too Short	<u></u>	Misread	I		Power Loss	/Surge [Other
	Ripples in	n Bend		I	Drill Holes	1	Offset						

Out of Calibration

Out of Sequence

Outside Dimensions

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Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish

DART AEROSPA	ACE LTD			Wo	rk Order:	
Description : Floor F	Protector			Pa	rt Number:	D3875-1
Inspection Dwg: D3	3875 Rev : A	<u>B</u>				Page 1 of 1
		RTICLE INSF First Article	PECTION	CHECK Prototy		•
	ТН	ERMOFORN	IING SE	CTION		
Description			Accept	Reject	Method of Inspection	Comments
Inside Radii less tha	n_e)[A_"					
Shape Definition		··	/			
Texture Retention			~	· · · · · · · · · · · · · · · · · · ·		
Material imperfection scratching	ns such as bumps, c	cracks, voids,	N			
						:
Measured by:					Date:	13/04/25
		TRIMMING	SECTIO)N		10000
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
0.050	Min	0,067"				
0.080	Min	0.090"				
45.2	+/-0.100	45.2"	/	α		
23/21.8	+/-0.100	22.3 "	1.70	P		OR 13/4/25
1.4	+/-0.100	1.43"	V_			
						· · · · · · · · · · · · · · · · · · ·
				<u> </u>		
Measured b	y: D.C.				Date:	13/04/25
Audited b	y: 3 8				Date:	13/04/25
Prototype Approva	11: N/A	\			Date:	N/A

Revised/b

DateChange09.09.15New Issue

Rev